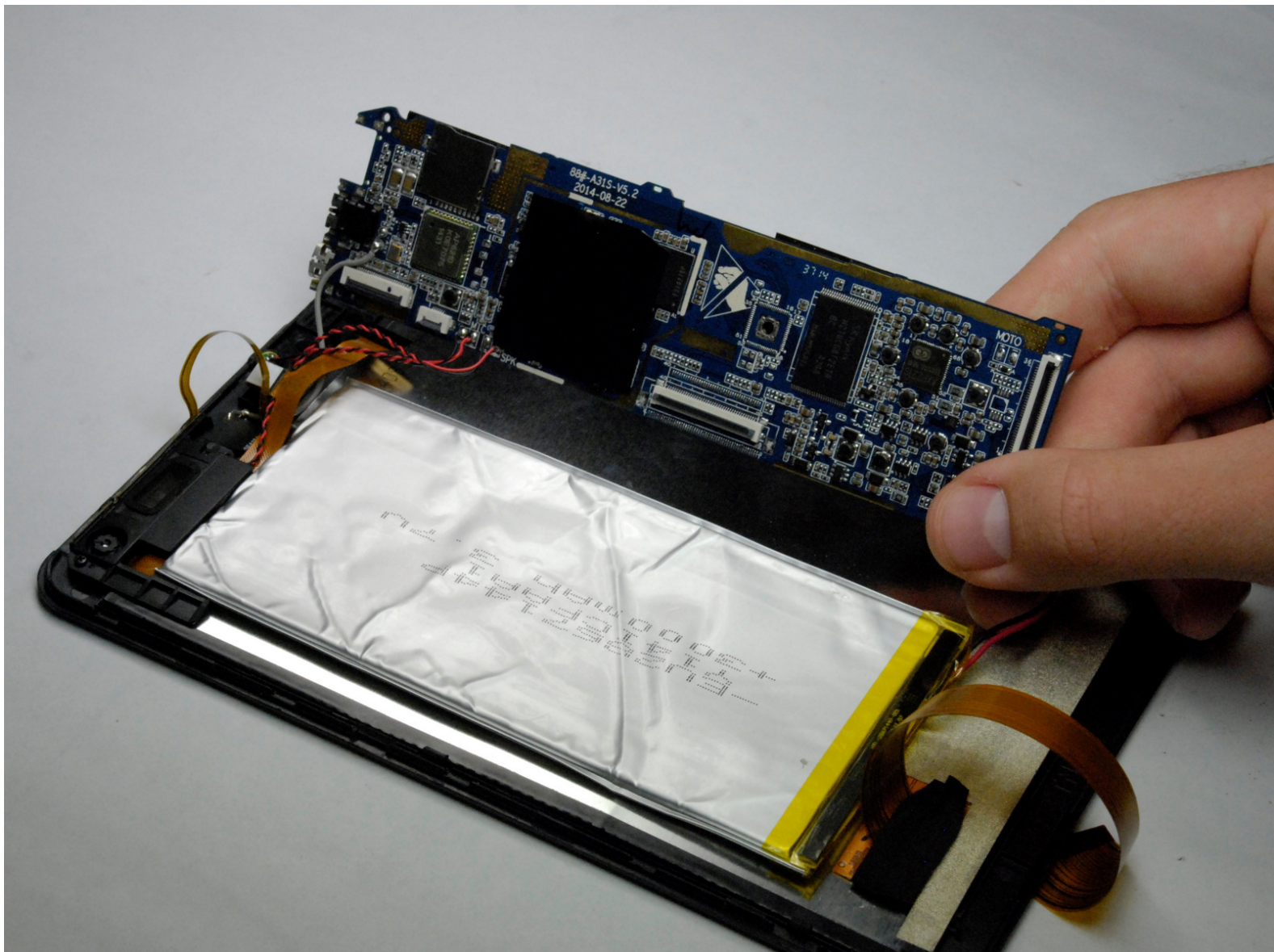




Trio Stealth G4 Motherboard Replacement

This guide will show step by step instructions on how to replace a broken or faulty motherboard in your Trio Stealth G4. This specific repair may be necessary if the device will not turn on or is not functioning correctly.

Written By: Matt Arnold



INTRODUCTION

The motherboard is the circuit that connects all of the parts within the tablet. It is essential to the proper function of the device. Damage to the motherboard often prevents the device from turning on or performing tasks correctly and usually requires that the motherboard be replaced. The most common cause of damage is exposure to water.

The disassembly is slightly more involved than the other replacement guides for this device. The use of a soldering iron is required to disconnect all of the wires connecting to the motherboard. Be sure to review the [iFixit soldering guide](#) if you do not have experience using a solder iron. You will also need to remove a couple of screws in order to take out the motherboard.




TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
 - [Soldering Station](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
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Step 1 — Back Panel



 Working on your device while it is turned on may result in electric shock. Be sure to shut down and unplug your device before you begin.

- Flip your tablet over so that the back panel is facing up.

Step 2



- Use a plastic opening tool to gently pry the back panel assembly apart from the front casing.
- Start on one edge of the device by inserting the plastic opening tool between the back panel and the front casing using a gentle rocking motion.

Step 3



- Once you have successfully separated one edge of the back panel from the front casing, slide the plastic opening tool along the other edges to detach them as well.
- ❗ The latches keeping the back panel attached to the front casing can sometimes be a little difficult to separate, so don't be afraid to use some force.

Step 4



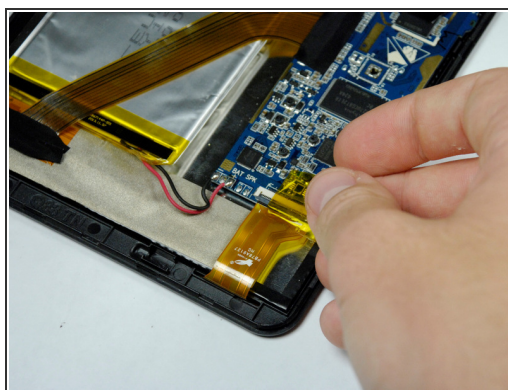
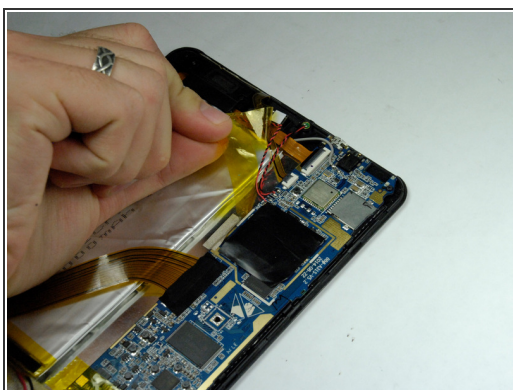
- Remove the back panel from the rest of the tablet and set it aside.

Step 5



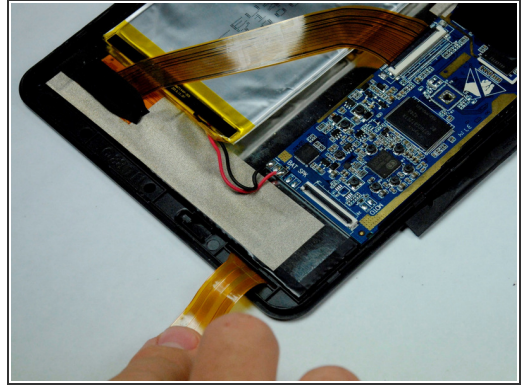
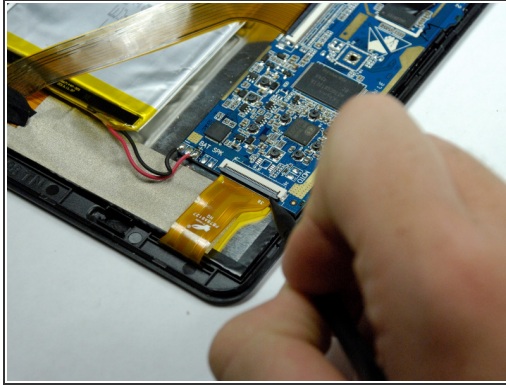
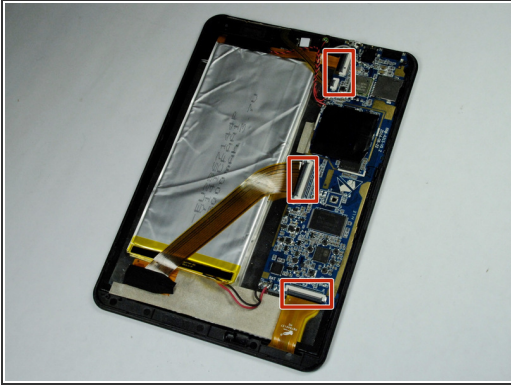
- The plastic volume button cover may fall out when you remove the back panel. Set it aside.

Step 6 — Motherboard



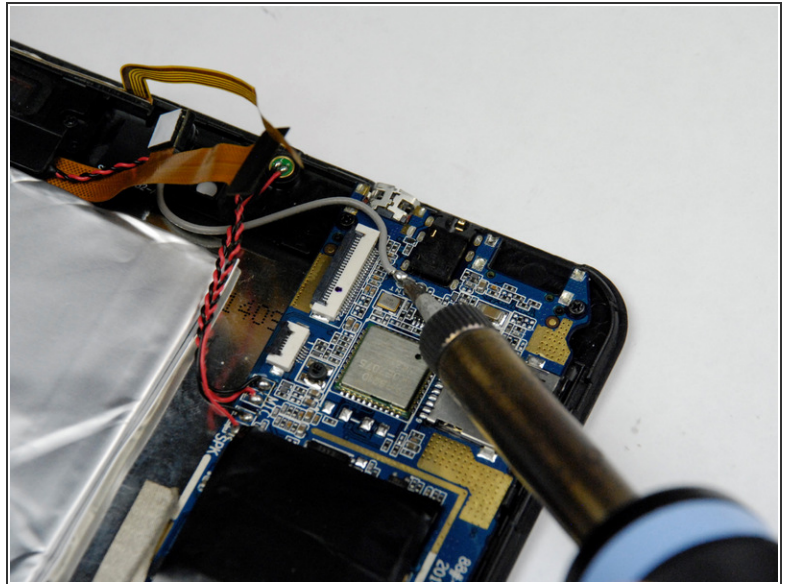
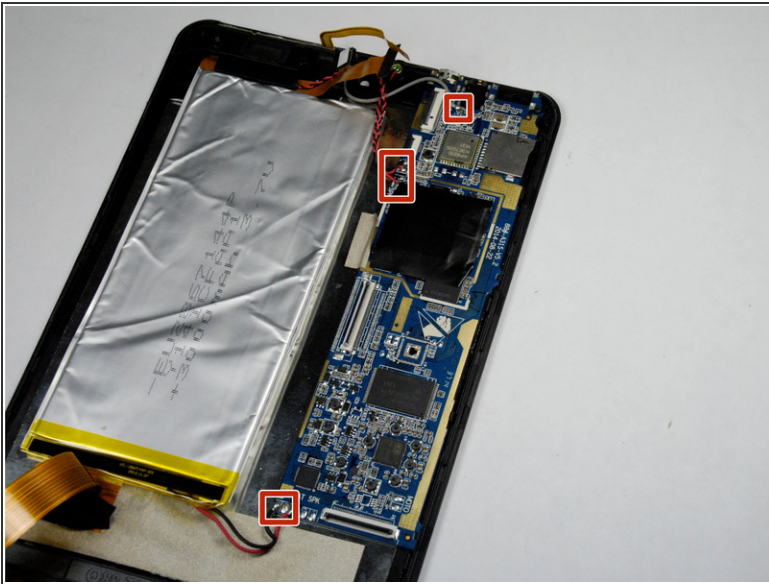
- Remove the 4 pieces of tape covering the zero insertion force (ZIF) connectors on the motherboard.

Step 7



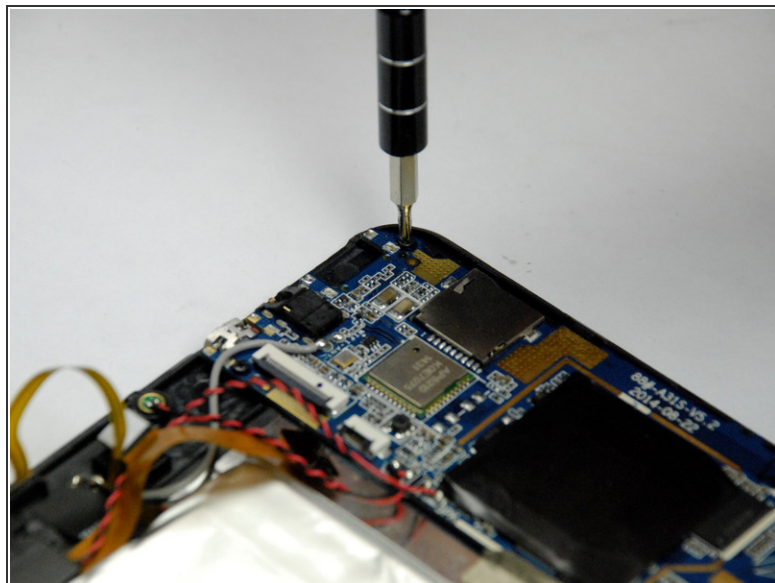
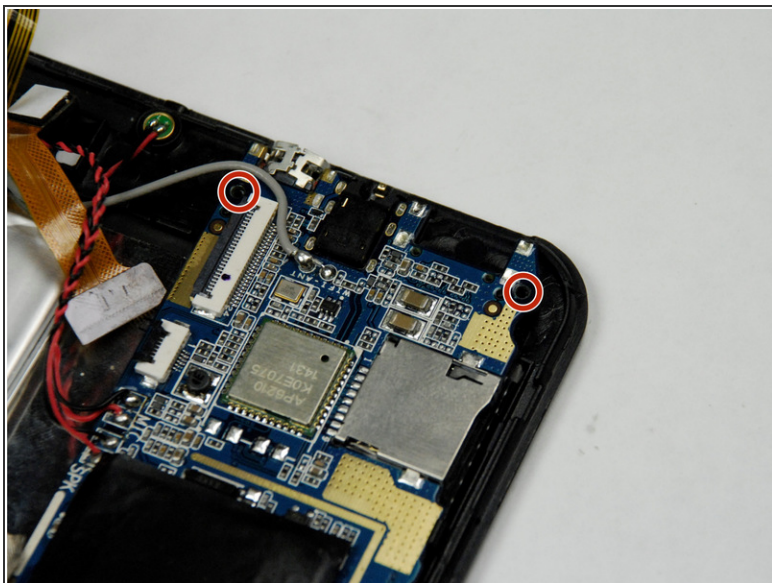
- Use a spudger to flip up the black flaps on each of the 4 ZIF connectors.
- Once the flaps are up, use your fingers to disconnect the end of the ribbon wires from the connectors.

Step 8



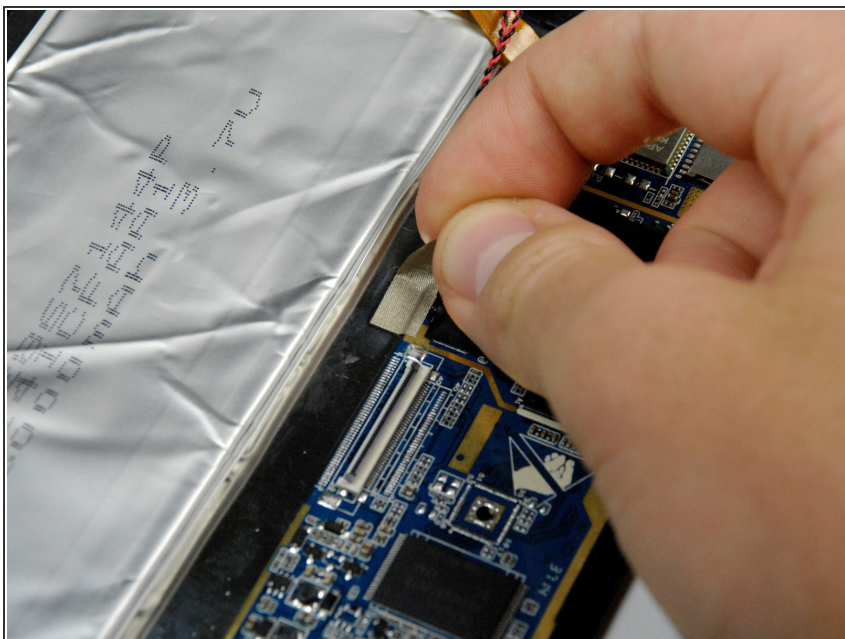
- Use the soldering iron to [melt away the solder](#) from each of the wires connecting to the motherboard.
- Once the solder is completely removed, pull the wires away from the motherboard.

Step 9



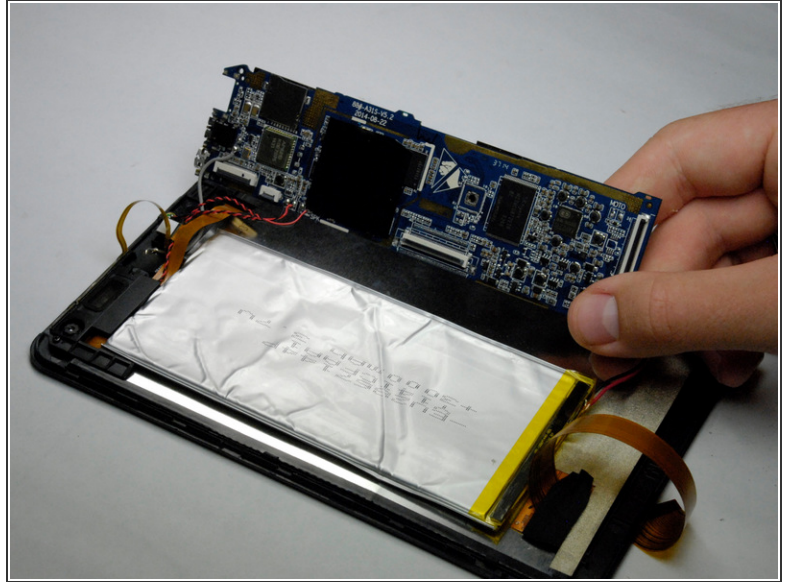
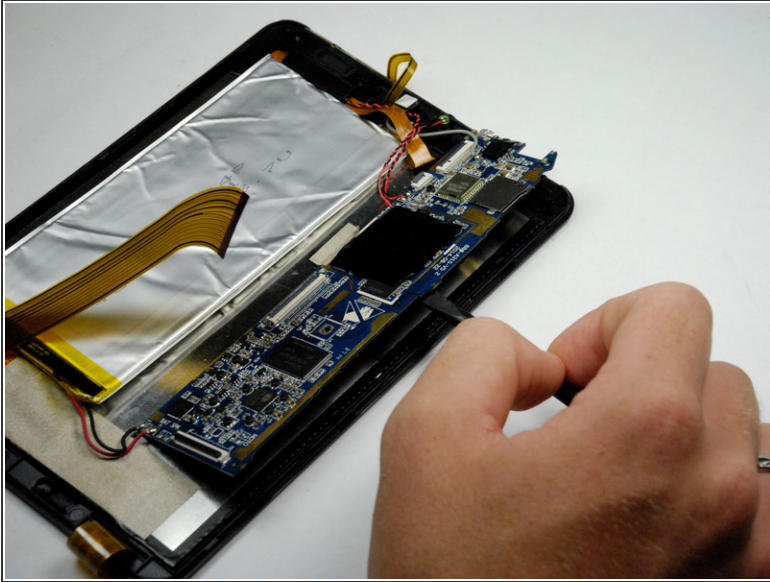
- Use a J00 Phillips head screwdriver to remove the two 4.3 mm screws securing the motherboard to the device and set them aside.

Step 10



- Remove the silver piece of tape from the left edge of the motherboard.

Step 11



- Use a spudger to lift the motherboard from the device.

To reassemble your device, follow these instructions in reverse order.

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